# THE INSTITUTE OF PHYSICS

# BULLETIN

## INDEX—1952

The number of issue and the page number are given. The January issue was No. 25. The names of contributors are given where appropriate.


| | No. | Page |
|---|---|---|
| American Institute of Physics, Notes on the 20th Anniversary Meeting of the (*Mr. E. W. H. Selwyn*) | 26 | 12 |
| Annual General Meeting, Proceedings of the Thirty-Second | 31 | 50 |
| Annual Report | 28 | 21 |
| Branches, Activities of | | |
| London | 27 | 17 |
| | 34 | 67 |
| Manchester | 34 | 67 |
| North-Eastern | 32 | 53 |
| | 34 | 67 |
| Yorkshire | 32 | 53 |
| Branches, Officers of | | |
| Manchester | 29 | 37 |
| Conferences | | |
| Bournemouth Convention 1953 | 26 | 10 |
| | 31 | 51 |
| | 34 | 65 |
| | 35 | 73 |
| Optical and Electron Microscopical Properties of Textile Fibres | 34 | 67 |
| Particle Size Analysis | 31 | 52 |
| Physics in Industry, Glasgow | 25 | 4 |
| | 29 | 37 |
| Radiology, Seventh International Congress of | 34 | 67 |
| Rheology, Second International Congress on | 35 | 73 |
| Spectroscopy Colloquium, Third International | 29 | 37 |
| | 34 | 68 |
| School and University Examinations in Physics | 27 | 17 |
| | 30 | 41 |
| Static Electrification | 35 | 73 |
| X-ray Diffraction, 40th Anniversary of the Discovery of | 32 | 53 |
| | 36 | 77 |
| Correspondence | | |
| Gadget Wanted (*Mr. E. van Someren*) | 32 | 58 |
| Patent System (*Mr. F. W. G. Greener*) | 30 | 45 |
| The Scientific Adventure (*Professor H. Dingle, Mr. N. Clarke*) | 34 | 69 |
| Development Department, The Organization of a (*Dr. W. Wilson*) | 32 | 53 |
| Electrical Engineers, Institution of, Publications at special rates | 25 | 5 |
| Graduateship Examination | 31 | 51 |
| | 33 | 61 |
| Groups, Activities of | | |
| Education | 27 | 17 |
| | 30 | 41 |
| Electronics | 27 | 17 |
| Industrial Radiology | 27 | 17 |
| | 33 | 62 |
| Industrial Spectroscopy | 29 | 37 |
| | 34 | 68 |
| Stress Analysis | 34 | 67 |
| X-ray Analysis | 32 | 53 |
| | 36 | 77 |
| Groups, Officers of | | |
| Education | 29 | 37 |
| Electronics | 29 | 37 |
| Electron Microscopy | 29 | 37 |
| X-ray Analysis | 29 | 37 |
| Letter from the New World, A (*Mr. E. W. H. Selwyn*) | 30 | 46 |
| Meetings, List of Institute | 25 | 1 |
| | 27 | 20 |
| Meetings, List of Physical Society | 26 | 11 |
| | 33 | 64 |
| | 35 | 73 |
| Members of Note | | |
| Professor Sir Lawrence Bragg | 33 | 63 |
| Professor D. R. Hartree | 32 | 57 |
| Mr. O. W. Humphreys | 32 | 58 |
| Mr. T. C. Keeley | 28 | 34 |
| Sir Andrew McCance | 27 | 18 |
| Mr. G. R. Noakes | 34 | 70 |
| Dr. D. Owen | 35 | 74 |
| Professor S. H. Piper | 34 | 70 |
| Dr. C. Sykes | 31 | 49 |
| Mr. F. Twyman | 28 | 33 |
| Mr. W. Somerville Vernon | 26 | 10 |
| National Certificates in Applied Physics (Examination Results) | 34 | 71 |
| New Books | | |
| Applied Statistics | 32 | 57 |
| The Autobiography of Robert A. Millikan | 26 | 13 |
| The Challenge of Atomic Energy | 25 | 6 |
| The Electric Current | 25 | 6 |
| Elementary Particles | 30 | 45 |
| Fellowship of the Air | 27 | 19 |
| Life on Other Worlds | 32 | 56 |
| Marx and Science | 30 | 45 |
| Modern Cosmology and the Christian Idea of God | 32 | 56 |
| Opticks | 34 | 68 |
| Plane Trigonometry | 34 | 68 |
| Psychology, Religion and Healing | 26 | 13 |
| Science and the Christian Man | 30 | 44 |
| The Scientific Adventure | 30 | 44 |
| Space Medicine | 26 | 13 |
| The Weather | 27 | 18 |
| New Year Message from the President | 25 | 1 |
| News of Members | 26 | 14 |
| | 30 | 46 |
| | 32 | 58 |
| | 34 | 69 |
| | 35 | 74 |
| | 36 | 79 |
| Notices to Members | | |
| Ash and Clinker in Industry | 34 | 67 |
| Benevolent Fund | 27 | 17 |
| Civil Defence | 26 | 9 |
| Counter Spectrometers for the Investigation of Debye-Scherrer Patterns | 28 | 33 |
| Furnishing Fund | 27 | 17 |

| | No. | Page |
|---|---|---|
| Notices to Members (*continued*) | | |
| Gamma-ray Sources for Radiography | 27 | 17 |
| Handbook and Regulations concerning Membership | 31 | 51 |
| House of Lords Debate | 31 | 51 |
| Journal Back Numbers | 30 | 41 |
| Journals, Members' Copies of | 28 | 33 |
| List of Meetings | 31 | 51 |
| Meetings of the Board | 31 | 51 |
| Metallurgical Equilibrium Diagrams | 33 | 61 |
| | 34 | 67 |
| New Scientific Instruments, Reports on | 32 | 53 |
| Nuclear Reactors, Course on | 34 | 67 |
| Physical Society Exhibition | 27 | 18 |
| Physical Society and the Institution of Electrical Engineers at special rate, Proceedings of the | 25 | 5 |
| Physics as a Career | 26 | 9 |
| | 27 | 17 |
| Preparation of Papers, Notes on | 28 | 33 |
| Radiographers, Training of | 31 | 52 |
| Radiation used in Industrial Radiology, Protection against | 31 | 52 |
| | 36 | 78 |
| Scientific Education of Physicists, The | 26 | 9 |
| | 29 | 37 |
| Summer Schools | 29 | 37 |
| Transfer to Graduateship | 36 | 79 |
| Utilization of Science | 31 | 51 |
| Vacation Posts for Students | 29 | 37 |
| X-ray Crystallography, International Tables for | 34 | 66 |
| Organization of a Development Department, The (*Dr. W. Wilson*) | 32 | 53 |
| Patent System, Some Aspects of the (*Mr. F. S. Peachey*) | 29 | 38 |
| Physicists, The Supply of | 31 | 49 |
| President—elect: Dr. C. Sykes | 31 | 49 |
| President, New Year Message from the | 25 | 1 |
| Proceedings of the Board | | |
| American Testing Methods, Proposed Team to Study | 26 | 10 |
| Budget | 26 | 9 |
| Co-operation with the Physical Society | 26 | 10 |
| Development Policy | 34 | 66 |
| Journals for 1952, Enlargement of | 26 | 9 |
| Library Policy | 34 | 66 |
| London and Home Counties Regional Advisory Council for Higher Technological Education | 34 | 66 |
| Norwood Technical College Governing Body | 34 | 66 |
| Radiologists, Training Course for | 31 | 52 |
| Retiring Members of the Board | 34 | 66 |
| Science Teachers | 34 | 66 |
| Status and Salaries of Schoolmasters | 26 | 10 |
| Yorkshire Council for Further Education | 34 | 66 |
| Publications of the Institute, New | | |
| Gamma-ray Source for Radiography | 27 | 17 |
| Handbook and Regulations concerning Membership | 31 | 51 |
| Metallurgical Equilibrium Diagrams | 33 | 61 |
| | 34 | 67 |
| Physics as a Career | 26 | 9 |
| | 27 | 17 |
| Preparation of Papers, Notes on | 28 | 33 |
| Scientific Education of Physicists, The | 26 | 9 |
| | 29 | 37 |
| Register | 26 | 14 |
| | 28 | 34 |
| | 30 | 47 |
| | 32 | 59 |
| | 35 | 74 |
| Supply of Physicists, The | 31 | 49 |